

# Recommended Settings

# Nikon D7500

PLAYBACK MENU	
Delete	<i>Selected</i>
Playback folder	<i>All</i>
Hide image	
Playback display options	<i>✓✓✓✓✓</i>
Image review	<i>On</i>
After delete	<i>Show next</i>
Auto image rotation	<i>On</i>
Rotate tall	<i>Off</i>
Slide show	
Start	
Image type	<i>Still image and movies</i>
Frame interval	<i>2s</i>
Rating	
Select to send to smart device	
PHOTO SHOOTING MENU	
Reset Shooting menu	
Storage folder	
File Naming	<i>DSC</i>
Flash control	<i>TTL</i>
Flash control mode(built-in)	
Wireless flash options	
Group flash options	
Radio remote flash info	
Choose image area	<i>DX</i>
Image quality	<i>RAW JPEG fine★</i>
Image size	<i>Large</i>
NEF (RAW) recording	
NEF (RAW) compression	<i>Lossless comp.</i>
NEF (RAW) bit depth	<i>12-bit</i>
ISO sensitivity settings	
ISO sensitivity	<i>100</i>
Auto ISO sensitivity control	<i>OFF</i>
Maximum sensitivity	<i>6400</i>
Minimum shutter speed	<i>Auto</i>
Auto Min. SS	<i>Slower (Middle)</i>
White balance	<i>AUTO</i>
Set Picture Control	<i>Standard</i>
Manage Picture Control	
Save/edit	
Rename	
Delete	
Load/save	
Color space	<i>Adobe RGB sRGB</i>
Active D-Lighting	<i>OFF Normal</i>
Long exposure NR	<i>OFF</i>
High ISO NR	<i>OFF Normal</i>

SHOOTING MENU	
Vignette control	<i>OFF Normal</i>
Auto distortion control	<i>ON</i>
Flicker reduction	
Flicker reduction setting	<i>OFF ON</i>
Flicker reduction indicator	<i>ON OFF</i>
Remote control mode (ML-L3)	<i>OFF</i>
Auto bracketing set	<i>AE</i>
Multiple exposure	<i>OFF</i>
Multiple exposure mode	<i>OFF</i>
Number of shots	
Overlay mode	<i>ADD AVG</i>
Keep all exposures	<i>ON</i>
HDR (high dynamic range)	
HDR mode	<i>OFF</i>
HDR strength	<i>Normal</i>
Interval timer shooting	
Start	
Start options	
Interval	
No. of intervals x shots/interval	
Exposure smooting	<i>OFF ON</i>
Movie Shooting Menu	
Reset movie shooting menu	
File naming	<i>DSC</i>
Choose image area	<i>DX</i>
Frame size/rate	<i>3840x2160/30p 1920x1080/30p</i>
Movie quality	<i>HIGH NORMAL</i>
Movie file type	<i>MOV</i>
ISO sensitivity settings	
Maximum sensitivity	<i>51200</i>
Auto ISO control (mode M)	<i>Off ON</i>
ISO sensitivity (mode M)	<i>100</i>
White balance	<i>Auto1</i>
Set Picture Control	<i>Flat Standard</i>
Manage Picture Control	
Active D-Lighting	<i>OFF Normal</i>
High ISO NR	<i>OFF Normal</i>
Flicker reduction	<i>AUTO</i>
Microphone sensitivity	<i>Manual AUTO</i>
Frequency response	<i>Wide</i>
Wind noise reduction	<i>OFF</i>
Electronic VR	<i>OFF ON</i>
Time-lapse movie	<i>OFF</i>
Start	
Interval	
Shooting time	
Exposure smoothing	<i>OFF ON</i>

Custom Setting Menu	
Reset custom settings	<i>A</i>
a Autofocus	
a1 AF-C priority selection	<i>Release</i>
a2 AF-S priority selection	<i>Focus</i>
a3 Focus tracking with lock-on	<i>3(Normal)</i>
a4 Number of focus points	<i>AF51</i>
a5 Store by orientation	<i>Yes</i>
a6 AF activation	<i>ON OFF</i>
a7 Focus point wrap-around	<i>ON/Wrap</i>
a8 Focus point options	
Focus point illumination	<i>AUTO</i>
Manual focus mode	<i>ON</i>
a9 Built-in AF-assist illuminator	<i>OFF</i>
b Metering/exposure	
b1 ISO sensitivity step value	<i>1/3</i>
b2 EV steps for exposure control	<i>1/3</i>
b3 Easy exposure compensation	<i>ON OFF</i>
b4 Matrix metering	<i>(Face) ON</i>
b5 Center-weighted area	<i>8mm</i>
b6 Fine-tune optimal exposure	
Matrix metering	<i>0</i>
Center-weighted metering	<i>0</i>
Spot metering	<i>0</i>
Highlight-weighted metering	<i>0</i>
c Timers/AE lock	
c1 Shutter-release button AE-L	<i>ON</i>
c2 Standby timer	<i>6s</i>
c3 Self-timer	
Self-timer delay	<i>10s</i>
Number of shots	<i>1</i>
Interval between shots	<i>0.5s</i>
c4 Monitor off delay	
Playback	<i>10s</i>
Menus	<i>1min</i>
Information display	<i>10s</i>
Image review	<i>4s</i>
Live view	<i>10m</i>
c5 Remote on duration (ML-L3)	<i>1m</i>
d Shooting/display	
d1 CL mode shooting speed	<i>3 fps</i>
d2 Max. continuous release	<i>100</i>
d3 Exposure delay mode	<i>OFF</i>
d4 Electronic front-curtain shutter	<i>ON</i>
d5 File number sequence	<i>ON</i>
d6 Viewfinder grid display	<i>OFF</i>
d7 ISO display	<i>ON</i>
d8 LCD illumination	<i>OFF</i>

e Bracketing/flash	
e1 Flash sync speed	<i>1/250</i>
e2 Flash shutter speed	<i>1/15 1/60</i>
e3 Exp. comp. for flash	<i>Bkg only Entire frame</i>
e4 Auto flash ISO sen. cont.	<i>Subject &amp; bkg Sub. only</i>
e5 Bracketing order	<i>Under&gt;MTR&gt;over</i>
f Controls	
f1 Custom control assignment	
f2 OK button	
Shooting mode	<i>Reset</i>
Playback mode	<i>Thumbnail on/off</i>
Live view	<i>Reset</i>
f3 Customize command dials	
Reverse rotation	<i>✓ Shutter speed/aperture</i>
Exposure setting	
Autofocus setting	
Change main/sub	<i>OFF</i>
Menus and playback	<i>ON</i>
Sub-dial frame advance	<i>10</i>
f4 Release button to use dial	<i>OFF(No)</i>
f5 Reverse indicators	<i>- 0 +</i>
g Movie	
g1 Custom control assignment	
SETUP MENU	
Format memory card	
Save user settings	
Save to U1	
Save to U2	
Reset user settings	
Save to U1	
Save to U2	
Language	
Time zone and date	
Time zone	
Date and time	
Sync with smart device	
Date format	
Daylight saving time	
Monitor brightness	
Menus/playback	<i>0</i>
Live view	<i>0</i>
Monitor color balance	
Virtual horizon	
Information display	<i>AUTO</i>
Auto	
Manual	<i>Dark on light</i>
Auto info display	<i>ON</i>
Info display auto off	<i>ON</i>
AF fine-tune	
AF fine-tune (On/Off)	<i>On Off</i>
Saved value	
Default	
List saved values	
Clean image sensor	<i>Clean at shutdown</i>
Clean now	
Clean at startup/shutdown	
Lock mirror up for cleaning	
Image Dust Off ref photo	
Image comment	<i>Attach comment</i>

SETUP MENU (continued)	
Copyright information	<i>ON</i>
Artist	
Copyright	
Beep options	
Beep on/off	<i>OFF</i>
Volume	<i>1</i>
Pitch	<i>L</i>
Touch controls	
Enable/disable touch control	<i>ON</i>
Full-Frame playback flicks	<i>Left→Right</i>
Flash warning	<i>OFF On</i>
HDMI	
Output resolution	<i>Auto</i>
Advanced	
Output range	<i>AUTO</i>
Output display size	<i>100%</i>
Live view on-screen display	<i>ON</i>
Dual monitor	<i>ON</i>
Location data	
Download from smart device	<i>OFF</i>
Position	
External GPS device options	
Standby timer	
Set clock from satellite	
Wireless remote (WR) options	
Assign remote (WR) Fn button	<i>None</i>
Airplane mode	<i>ON/Enable</i>
Connect to smart device	
Start	
Password protection	
Send to smart device (auto)	<i>OFF</i>
Wi-Fi	
Network settings	
SSID	
Authentication/encryption	
Password	
Channel	
Current settings	
Reset connection settings	
Bluetooth	
Conformity marking	
Battery info	
Slot empty release lock	<i>LOCK</i>
Save/load settings	
Reset all settings	
Firmware version	
<i>Standard recommendations in Gray</i>	
<i>Advanced user recommendations in Red</i>	

# Menu

# Nikon D7500

PLAYBACK MENU	SHOOTING MENU	Custom Setting Menu	e Bracketing/flash	SETUP MENU (continued)
Delete	Vignette control	Reset custom settings	e1 Flash sync speed	Copyright information
Playback folder	Auto distortion control	<b>a Autofocus</b>	e2 Flash shutter speed	Artist
Hide image	Flicker reduction	a1 AF-C priority selection	e3 Exp. comp. for flash	Copyright
Playback display options	Flicker reduction setting	a2 AF-S priority selection	e4 Auto flash ISO sen. cont.	Beep options
Image review	Flicker reduction indicator	a3 Focus tracking with lock-on	e5 Bracketing order	Beep on/off
After delete	Remote control mode (ML-L3)	a4 Number of focus points	<b>f Controls</b>	Volume
Auto image rotation	Auto bracketing set	a5 Store by orientation	f1 Custom control assignment	Pitch
Rotate tall	Multiple exposure	a6 AF activation	Shooting mode	Touch controls
Slide show	Multiple exposure mode	a7 Focus point wrap-around	Playback mode	Enable/disable touch control
Start	Number of shots	a8 Focus point options	Live view	Full-Frame playback flicks
Image type	Overlay mode	Focus point illumination	f3 Customize command dials	Flash warning
Frame interval	Keep all exposures	Manual focus mode	Reverse rotation	HDMI
Rating	HDR (high dynamic range)	a9 Built-in AF-assist illuminator	Exposure setting	Output resolution
Select to send to smart device	HDR mode	<b>b Metering/exposure</b>	Autofocus setting	Advanced
PHOTO SHOOTING MENU	HDR strength	b1 ISO sensitivity step value	Change main/sub	Output range
Reset Shooting menu	Interval timer shooting	b2 EV steps for exposure control	Menus and playback	Output display size
Storage folder	Start	b3 Easy exposure compensation	Sub-dial frame advance	Live view on-screen display
File Naming	Start options	b4 Matrix metering	f4 Release button to use dial	Dual monitor
Flash control	Interval	b5 Center-weighted area	f5 Reverse indicators	Location data
Flash control mode(built-in)	No. of intervals x shots/interval	b6 Fine-tune optimal exposure	<b>g Movie</b>	Download from smart device
Wireless flash options	Exposure smooting	Matrix metering	g1 Custom control assignment	Position
Group flash options	<b>Movie Shooting Menu</b>	Center-weighted metering	<b>SETUP MENU</b>	External GPS device options
Radio remote flash info	Reset movie shooting menu	Spot metering	Format memory card	Standby timer
Choose image area	File naming	Highlight-weighted metering	Save user settings	Set clock from satellite
Image quality	Choose image area	<b>c Timers/AE lock</b>	Save to U1	Wireless remote (WR) options
Image size	Frame size/rate	c1 Shutter-release button AE-L	Save to U2	Assign remote (WR) Fn button
NEF (RAW) recording	Movie quality	c2 Standby timer	Reset user settings	Airplane mode
NEF (RAW) compression	Movie file type	c3 Self-timer	Save to U1	Connect to smart device
NEF (RAW) bit depth	ISO sensitivity settings	Self-timer delay	Save to U2	Start
ISO sensitivity settings	Maximum sensitivity	Number of shots	Language	Password protection
ISO sensitivity	Auto ISO control (mode M)	Interval between shots	Time zone and date	Send to smart device (auto)
Auto ISO sensitivity control	ISO sensitivity (mode M)	c4 Monitor off delay	Time zone	Wi-Fi
Maximum sensitivity	White balance	Playback	Date and time	Network settings
Minimum shutter speed	Set Picture Control	Menus	Sync with smart device	SSID
Auto Min. SS	Manage Picture Control	Information display	Date format	Authentication/encryption
White balance	Active D-Lighting	Image review	Daylight saving time	Password
Set Picture Control	High ISO NR	Live view	Monitor brightness	Channel
Manage Picture Control	Flicker reduction	c5 Remote on duration (ML-L3)	Menus/playback	Current settings
Save/edit	Microphone sensitivity	<b>d Shooting/display</b>	Live view	Reset connection settings
Rename	Frequency response	d1 CL mode shooting speed	Monitor color balance	Bluetooth
Delete	Wind noise reduction	d2 Max. continuous release	Virtual horizon	Conformity marking
Load/save	Electronic VR	d3 Exposure delay mode	Information display	Battery info
Color space	Time-lapse movie	d4 Electronic front-curtain shutter	Auto	Slot empty release lock
Active D-Lighting	Start	d5 File number sequence	Manual	Save/load settings
Long exposure NR	Interval	d6 Viewfinder grid display	Auto info display	Reset all settings
High ISO NR	Shooting time	d7 ISO display	Info display auto off	Firmware version
	Exposure smoothing	d8 LCD illumination	AF fine-tune	
			AF fine-tune (On/Off)	
			Saved value	
			Default	
			List saved values	
			Clean image sensor	
			Clean now	
			Clean at startup/shutdown	
			Lock mirror up for cleaning	
			Image Dust Off ref photo	
			Image comment	

# Recommended Settings

# Nikon D7500

## Basic Camera Check List

- 1. Charge & install battery
- 2. Install & format memory card
- 3. Set image quality (Raw/JPEG)
- 4. Check to confirm proper menu settings
- 5. Shoot test photos, look for dust on sensor

## Recommendations

These will give you a good starting point for a variety of photographic situations. Your settings will vary according the light, lenses, and other equipment you are working with. You'll likely find many settings that you want to adjust differently as you develop your own style.

## Camera Operation

## Nikon D7500 - Key Settings



## Camera Operation

## Super Simple

Exposure Mode	Shutter Speed	Aperture	ISO	Exposure Compensation	White Balance	Focus Mode	AF-Area Mode	Release Mode
M	8000	32	Auto	+5	Auto	AF-A	Auto-area	Single
A	4000	22	100	+4	Incandescent	AF-S	Single	Continuous Low speed
S	2000	16	200	+3	Fluorescent	AF-C	Dynamic (9-points)	Continuous High speed
P	1000	11	400	+2	Direct sunlight	Manual	Dynamic (21-points)	Quiet
	500	8	800	+1	Flash		Dynamic (51-points)	Quiet Continuous
	250	5.6	1600	0	Cloudy		3D-Tracking	Self-timer
	125	4	3200	-1	Shade			Mirror Up
	60	2.8	6400	-2	K Temp.			
	30	1.4	12,800	-3	Preset manual			
	15		25,600	-4				
	8		51,200	-5				
	4		Hi 1 (100,400)					
	2		Hi 2 (204,800)					
	1"		Hi 3 (409,600)					
	2"		Hi 4 (819,200)					
	4"		Hi 5 (1,638,400)					
	8"							
	15"							
	30"							

## Super Simple

Everything on auto, use "Flexible Program" to adjust the shutter speed and aperture combinations. The camera will use all focus points to achieve focus. Be careful of the camera focusing on subjects in the foreground.



Camera Operation				Landscape			
Exposure Mode	Shutter Speed	Aperture	ISO	Exposure Compensation	White Balance	Focus Mode	AF-Area Mode
M	8000	32	Auto	+5	Auto	AF-A	Auto-area
A	4000	22	100	+4	Incandescent	AF-S	Single
S	2000	16	200	+3	Fluorescent	AF-C	Dynamic (9-points)
P	1000	11	400	+2	Direct sunlight	Manual	Dynamic (21-points)
	500	8	800	+1	Flash		Dynamic (51-points)
	250	5.6	1600	0	Cloudy		3D-Tracking
	125	4	3200	-1	Shade		
	60	2.8	6400	-2	K Temp.		
	30	2	12,800	-3	Preset manual		
	15	1.4	25,600	-4			
	8		51,200	-5			
	4		Hi 1 (102,400)				
	2		Hi 2 (204,800)				
	1"		Hi 3 (409,600)				
	2"		Hi 4 (819,200)				
	4"		Hi 5 (1,638,400)				
	8"						
	15"						
	30"						

## Landscape

You'll likely want a lot of depth-of-field to keep everything in focus, the shutter speed won't matter if the wind isn't blowing too much and you are on a tripod (which you should be). Metering shouldn't matter too much if you shoot a test photo then check the histogram. Another good option would be Aperture Priority (A), set the aperture to the f/11 - f/16 range and make sure you can hold the camera steady for the given shutter speed.

Camera Operation				Portrait			
Exposure Mode	Shutter Speed	Aperture	ISO	Exposure Compensation	White Balance	Focus Mode	AF-Area Mode
M	8000	32	Auto	+5	Auto	AF-A	Auto-area
A	4000	22	100	+4	Incandescent	AF-S	Single
S	2000	16	200	+3	Fluorescent	AF-C	Dynamic (9-points)
P	1000	11	400	+2	Direct sunlight	Manual	Dynamic (21-points)
	500	8	800	+1	Flash		Dynamic (51-points)
	250	5.6	1600	0	Cloudy		3D-Tracking
	125	4	3200	-1	Shade		
	60	2.8	6400	-2	K Temp.		
	30	2	12,800	-3	Preset manual		
	15	1.4	25,600	-4			
	8		51,200	-5			
	4		Hi 1 (102,400)				
	2		Hi 2 (204,800)				
	1"		Hi 3 (409,600)				
	2"		Hi 4 (819,200)				
	4"		Hi 5 (1,638,400)				
	8"						
	15"						
	30"						

## Portrait

Choose a shallow depth of field to separate your subject from the background. Keep the ISO low for best quality. Set WB then possibly add a bit of fill flash (try a -1 Flash Exposure Compensation) to fill in the shadows and give a little sparkle to the eyes. Focus on the nearest eye, lock focus in, and recompose into a pleasing frame. A second option would be to be in Aperture Priority (A) while setting a wide aperture like f/1.4 - f/4.

Camera Operation				Action			
Exposure Mode	Shutter Speed	Aperture	ISO	Exposure Compensation	White Balance	Focus Mode	AF-Area Mode
M	8000	32	Auto	+5	Auto	AF-A	Auto-area
A	4000	22	100	+4	Incandescent	AF-S	Single
S	2000	16	200	+3	Fluorescent	AF-C	Dynamic (9-points)
P	1000	11	400	+2	Direct sunlight	Manual	Dynamic (21-points)
	500	8	800	+1	Flash		Dynamic (51-points)
	250	5.6	1600	0	Cloudy		3D-Tracking
	125	4	3200	-1	Shade		
	60	2.8	6400	-2	K Temp.		
	30	2	12,800	-3	Preset manual		
	15	1.4	25,600	-4			
	8		51,200	-5			
	4		Hi 1 (102,400)				
	2		Hi 2 (204,800)				
	1"		Hi 3 (409,600)				
	2"		Hi 4 (819,200)				
	4"		Hi 5 (1,638,400)				
	8"						
	15"						
	30"						

## Action

Manual exposure will give you the most consistent results unless you are shooting in both direct sun and shade. Keep a shutter speed of 1/500 or faster to stop the action. A fast lens (f/2.8) is a great benefit here. The ISO will most likely need to be 400 or higher. Indoor sports will often require ISO 3200 or more. Focus needs to be put into the AF-C mode. Use the continuous shutter release option and shoot in short bursts. Another option is to be in the Aperture Value (AV) mode while setting a "fast" aperture (f/1.4 - f/4).

Camera Operation				Basic Photography			
Exposure Mode	Shutter Speed	Aperture	ISO	Exposure Compensation	White Balance	Focus Mode	AF-Area Mode
M	8000	32	Auto	+5	Auto	AF-A	Auto-area
A	4000	22	100	+4	Incandescent	AF-S	Single
S	2000	16	200	+3	Fluorescent	AF-C	Dynamic (9-points)
P	1000	11	400	+2	Direct sunlight	Manual	Dynamic (21-points)
	500	8	800	+1	Flash		Dynamic (51-points)
	250	5.6	1600	0	Cloudy		3D-Tracking
	125	4	3200	-1	Shade		
	60	2.8	6400	-2	K Temp.		
	30	2	12,800	-3	Preset manual		
	15	1.4	25,600	-4			
	8		51,200	-5			
	4		Hi 1 (102,400)				
	2		Hi 2 (204,800)				
	1"		Hi 3 (409,600)				
	2"		Hi 4 (819,200)				
	4"		Hi 5 (1,638,400)				
	8"						
	15"						
	30"						

## Basic Photography

The Aperture Priority (A) mode can be easily shifted to any available aperture/shutter speed combination. Set an ISO as low as you can until you decide you need a faster shutter speed. Use exposure compensation, as necessary, for dark or bright subjects. Single point focus allows for precise control of focus selection.